

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

APR 25 2005  
U.S. PATENT AND TRADEMARK OFFICE

Sheet 1

Application Number	10/822,530
Filing Date	April 12, 2004
First Named Inventor	Peter Barnes Moyes
Group Art Unit	3672
Examiner Name	Tsay, Frank
Attorney Docket Number	MRKS/0045.C1
Submission Date	April 22, 2005

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US-1,892,217	12-27-1932	Moineau	
	A2	US-2,894,585	07-14-1959	Erwin	
	A3	US-4,063,602	12-20-1977	Howell, et al.	
	A4	US-4,291,772	09-29-1981	Beynet	
	A5	US-4,368,787	01-18-1983	Messenger	
	A6	US-4,479,558	10-30-1984	Gill et al.	
	A7	US-4,534,426	08-13-1985	Hooper	
	A8	US-4,813,495	03-21-1989	Leach	
	A9	US-5,355,967	10-18-1994	Mueller, et al.	
	A10	US-5,434,426	08-13-1985	Hooper	
	A11	US-5,720,356	02-24-1998	Gardes	
	A12	US-6,065,550	05-23-2000	Gardes	
	A13	US-6,837,313	01-04-2005	Hosie et al.	
	A14	US-2005/0045382 A1	03-03-2005	Hosie et al.	
	A15	US-			
	A16	US-			
	A17	US-			
	A18	US-			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	B1	WO 00/04269	01-27-2000	Fincher et al.		
	B2	WO 00/08293	02-17-2000	Van Drentham-Susman et al.		
	B3	WO 00/50731	08-31-2000	Moyes		
	B4					
	B5					

Examiner

*Examiner Signature*

Date Considered

*Date Considered Signature*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Substitute for form 1449B/PTO				Application Number	10/822,530
				Filing Date	April 12, 2004
				First Named Inventor	Peter Barnes Moyes
				Group Art Unit	3672
				Examiner Name	Tsay, Frank
				Attorney Docket Number	MRKS/0045.C1
Sheet	2	of	2	Submission Date	April 22, 2005

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		
	1	Forrest, et al., "Subsea Equipment for Deep Water Drilling Using Dual Gradient Mud System," SPE/IADC Drilling Conference, Amsterdam, The Netherlands, February 27, 2001 – March 01, 2001, 8 Pages.		
	2	PCT International Search Report, International Application No. PCT/US 03/16686, dated August 21, 2003 (WO 03/100208 A1).		
	3			
	4			
	5			
	6			
	7			
	8			
	9			
	10			
	11			

Examiner

Date Considered

87-01-05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.